

University of Memphis Vertically Integrated Projects (UofM-VIP) Program: Engage in Research with Multidisciplinary Teams!

The “UofM-VIP Program” provides undergraduate and graduate students a unique learning opportunity that engages them in ambitious, long-term, large-scale, multidisciplinary project teams that are led by UofM faculty. **Prior experience is not necessary, but a willingness to learn and collaborate is a must!**

Learn more here! www.memphis.edu/vip

What is VIP?

VIP undergraduate students work closely with faculty, graduate students and peers. VIP teams meet weekly and operate more like small start-up companies than traditional courses. Returning students help new students get up to speed on the project, and students learn new skills, like research methods and mentoring.

UofM-VIP Goals:

The project goals are to improve academic success, retention, diversity, and inclusion in engineering at the UofM to foster the development of STEM identity and self-efficacy in undergraduate students.

The UofM-VIP program will generate new knowledge in STEM education by investigating a variety of mechanisms for supporting a diverse set of students in their development of a STEM identity.



The Student Experience:

- Students are assigned to a VIP team with a faculty advisor and student mentors
- 1.0-hour research-intensive course experience taken in three consecutive semesters
- Once 3.0 credit hours are earned, these hours can be applied as a technical elective
- Opportunity to continue VIP experience beyond the 3.0-hour credit via paid or volunteer experiences

Why Join VIP?

- Develop research and problem-solving skills through exciting team-based research projects
- Build a strong, diverse network of STEM peers and mentors
- Become part of a STEM community
- Learn about cutting-edge technologies and innovative approaches to solving STEM problems
- Develop teaming, leadership, and mentoring skills
- Participate in special networking, mentoring, and industry workshops and seminars
- Earn credit towards your engineering degree!
- Continue participating in your VIP team as a paid researcher and mentor



Partial support for this work was provided by the National Science Foundation Improving Undergraduate STEM Education (I-USE) program under Award No. 2120819. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.